

FILE 'REGISTRY' ENTERED AT 10:27:39 ON 25 SEP 2002

E COPOLYMER 1163/CN

L1 1 S E3

E COPOLYMER 1189/CN

E POLYMER 1163/CN

E POLYMER 1189/CN

FILE 'USPATFULL, CAPLUS' ENTERED AT 10:28:44 ON 25 SEP 2002

L2 6 S (COPOLYMER (3A) (1163 OR (DIMETHYLAMINOPROPYL (W) METHACRYLAM

L3 43 S 132230-28-5/RN OR (((DIMETHYLAMINOPROPYL (W) METHACRYLAMIDE (

L4 45 S L2 OR L3

L5 42 S (STYLEZE (3A) (CC10 OR (CC (W) 10))) OR (VIVIPRINT (3A) 111)

L6 74 S L4 OR L5

L7 35379 S HYDROXYETHYLCELLULOSE OR (HYDROXYETHYL (3A) CELLULOSE) OR (HY

L8 704346 S METHANOL OR ETHANOL OR PROPANOL OR ISOPROPANOL OR ((METHYL OR

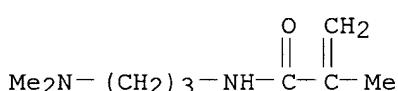
L9 21 S L6 AND L7 AND L8

L10 21 S L9 AND (HAIR OR HAIRSPRAY OR MOUSSE OR SHAMPOO)

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS  
 RN 132230-28-5 REGISTRY  
 CN 2-Propenamide, N-[3-(dimethylamino)propyl]-2-methyl-, polymer with  
 1-ethenyl-2-pyrrolidinone (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN 2-Pyrrolidinone, 1-ethenyl-, polymer with N-[3-(dimethylamino)propyl]-2-  
 methyl-2-propenamide (9CI)  
 OTHER NAMES:  
 CN 3-Dimethylaminopropyl methacrylamide-n-vinylpyrrolidone copolymer  
 CN 3-Dimethylaminopropylmethacrylamide-vinylpyrrolidone copolymer  
 CN ACP 1163  
 CN **Copolymer 1163**  
 CN Methacrylamidopropyl dimethylamine-vinylpyrrolidone copolymer  
 CN N-3,3-Dimethylaminopropyl methacrylamide-vinyl pyrrolidone copolymer  
 CN N-[3-(Dimethylamino)propyl]methacrylamide-N-vinyl-2-pyrrolidinone  
 copolymer  
 CN Styleze CC 10  
 CN Viviprint 111  
 DR 354583-07-6  
 MF (C9 H18 N2 O . C6 H9 N O)x  
 CI PMS, COM  
 PCT Polyacrylic, Polyvinyl  
 SR CA  
 LC STN Files: CA, CAPLUS, CHEMLIST, TOXCENTER, USPATFULL

CM 1

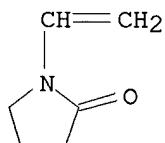
CRN 5205-93-6  
 CMF C9 H18 N2 O



PVP/DMAPA

CM 2

CRN 88-12-0  
 CMF C6 H9 N O



35 REFERENCES IN FILE CA (1962 TO DATE)  
 7 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 35 REFERENCES IN FILE CAPLUS (1962 TO DATE)

Celloxide HEC  
 polyquat-4 d10

L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS  
RN 81859-24-7 REGISTRY  
CN Cellulose, 2-hydroxyethyl 2-[2-hydroxy-3-(trimethylammonio)propoxy]ethyl 2-hydroxy-3-(trimethylammonio)propyl ether, chloride (9CI) (CA INDEX NAME)

OTHER NAMES:

CN Catinal HC 100  
CN Catinal HC 35  
CN Catinal LC 100  
CN Celquat SC 230M  
CN Celquat SC 240C  
CN JR 1  
CN JR 125  
CN JR 30M  
CN JR 400  
CN Leogard G  
CN Leogard GP  
CN Leogard LP  
CN Leogard P  
CN LR 300M  
CN LR 400  
CN Polymer JR 400  
CN Polymer LR 30M  
CN **Polyquaternium 10**  
CN Quaternium 19  
CN Ritaquat 3000  
CN Ritaquat 400KG  
CN Ucare JR 125  
CN Ucare JR 400  
CN UCARE Polymer JR  
CN UCARE Polymer JR 125  
CN UCARE Polymer JR 30  
CN UCARE Polymer JR 30M  
CN UCARE Polymer JR 400  
CN UCARE Polymer JR 40M  
CN UCARE Polymer KG 30M  
CN UCARE Polymer LR  
CN UCARE Polymer LR 30M  
CN UCARE Polymer LR 400  
CN UCARE Polymer SR 10  
DR 163442-38-4, 53568-66-4, 125623-01-0, 56274-58-9, 55353-19-0, 55466-13-2, 55819-09-5, 138067-60-4, 86297-97-4, 82643-41-2, 88507-33-9, 200013-87-2, 209264-09-5, 214358-12-0  
MF C8 H20 N O3 . x C6 H16 N O2 . x C2 H6 O2 . x Cl . x Unspecified  
CI COM  
PCT Manual registration  
LC STN Files: BIOBUSINESS, BIOSIS, CA, CAPLUS, CEN, CHEMCATS, CHEMLIST, CIN, IFICDB, IFIPAT, IFIUDB, IPA, MSDS-OHS, PROMT, RTECS\*, TOXCENTER, USPAT2, USPATFULL  
(\*File contains numerically searchable property data)

CM 1

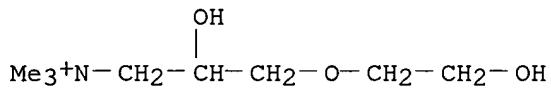
CRN 170553-71-6

CMF C8 H20 N O3 . x C6 H16 N O2 . x C2 H6 O2 . x Unspecified

CM 2

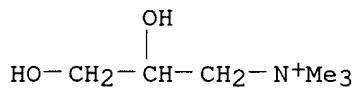
CRN 170344-46-4

CMF C8 H20 N O3



CM 3

CRN 44814-66-6  
CMF C6 H16 N O2



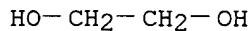
CM 4

CRN 9004-34-6  
CMF Unspecified  
CCI PMS, MAN

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

CM 5

CRN 107-21-1  
CMF C2 H6 O2

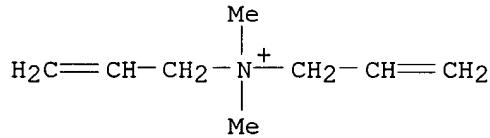


697 REFERENCES IN FILE CA (1962 TO DATE)  
5 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
697 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS  
RN 92183-41-0 REGISTRY  
CN Cellulose, 2-hydroxyethyl ether, polymer with N,N-dimethyl-N-2-propenyl-2-propen-1-aminium chloride (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN 2-Propen-1-aminium, N,N-dimethyl-N-2-propenyl-, chloride, polymer with cellulose 2-hydroxyethyl ether (9CI)  
OTHER NAMES:  
CN Celquat H 100  
CN Celquat L 200  
CN Celquat LOR  
CN **Polyquaternium 4**  
DR 83046-25-7  
MF (C8 H16 N . C2 H6 O2 . Cl . x Unspecified)x  
CI PMS  
PCT Manual component, Polyether, Polyvinyl  
LC STN Files: BIOSIS, CA, CAPLUS, CHEMLIST, CIN, MSDS-OHS, PROMT, TOXCENTER, USPAT2, USPATFULL  
Other Sources: DSL\*\*  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)

CM 1

CRN 7398-69-8 (48042-45-1)  
CMF C8 H16 N . Cl



● Cl<sup>-</sup>

CM 2

CRN 9004-62-0  
CMF C2 H6 O2 . x Unspecified

CM 3

CRN 9004-34-6  
CMF Unspecified  
CCI PMS, MAN

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

CM 4

CRN 107-21-1  
CMF C2 H6, O2

HO-CH<sub>2</sub>-CH<sub>2</sub>-OH

4 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
180 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS  
RN 9004-62-0 REGISTRY  
CN Cellulose, 2-hydroxyethyl ether (8CI, 9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 2-Hydroxyethyl cellulose  
CN 2-Hydroxyethyl cellulose ether  
CN 250HR  
CN 250LR  
CN Admiral 3089FS  
CN AH 15  
CN AL 15  
CN Aqualon HEC  
CN AW 15  
CN AW 15 (polysaccharide)  
CN AX 15  
CN BL 15  
CN BL 15 (cellulose derivative)  
CN Cellobond 25T  
CN Cellobond 45000A  
CN Cellobond HEC 15A  
CN Cellobond HEC 400  
CN Cellobond HEC 5000  
CN Cellosize  
CN Cellosize 4400H16  
CN Cellosize DP 40  
CN **Cellosize HEC 4400**  
CN Cellosize HEC-QP 09L  
CN Cellosize HEC-QP 15000H  
CN Cellosize HEC-QP 30000H  
CN Cellosize HEC-QP 4400H  
CN Cellosize HEC-QP 52000H  
CN Cellosize OP 09  
CN Cellosize QP  
CN Cellosize QP 09H  
CN Cellosize QP 10000  
CN Cellosize QP 100M  
CN Cellosize QP 100MH  
CN Cellosize QP 1500  
CN Cellosize QP 15000  
CN Cellosize QP 15000H  
CN Cellosize QP 15MH  
CN Cellosize QP 3  
CN Cellosize QP 300  
CN Cellosize QP 30000  
CN Cellosize QP 300H  
CN Cellosize QP 3L  
CN Cellosize QP 40  
CN Cellosize QP 40L  
CN Cellosize QP 4400  
CN Cellosize QP 4400H  
CN Cellosize QP 52000  
CN Cellosize QP 52000H  
CN Cellosize QP 5200W1930X  
CN Cellosize QR 4400H  
ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for  
DISPLAY  
DR 12772-61-1, 9045-96-9, 163648-13-3, 173523-80-3, 97105-13-0, 72146-24-8,  
86168-41-4, 53124-21-3, 53124-22-4, 53149-00-1, 168679-18-3, 189832-76-6  
MF C2 H6 O2 . x Unspecified  
CI COM  
PCT Manual registration, Polyether, Polyether only  
LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BIOBUSINESS, BIOSIS, BIOTECHNO,

CA, CANCERLIT, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMLIST, CIN, CSCHEM, DDFU, DETHERM\*, DIOGENES, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2, HSDB\*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK\*, MSDS-OHS, NIOSHTIC, PIRA, PROMT, RTECS\*, TOXCENTER, TULSA, USAN, USPAT2, USPATFULL, VTB

(\*File contains numerically searchable property data)

Other Sources: DSL\*\*, TSCA\*\*

(\*\*Enter CHEMLIST File for up-to-date regulatory information)

CM 1

CRN 9004-34-6  
CMF Unspecified  
CCI PMS, MAN

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

CM 2

CRN 107-21-1  
CMF C2 H6 O2

HO—CH<sub>2</sub>—CH<sub>2</sub>—OH

7305 REFERENCES IN FILE CA (1962 TO DATE)  
507 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
7325 REFERENCES IN FILE CAPLUS (1962 TO DATE)